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NPIC/D-38-70

6   FEB 1970

MEMORANDUM FOR: DDI Information Processing Coordinator

SUBJECT   :   IP Board Meeting - 26 January 1970

REFERENCE   :   Memo for Executive Director, NPIC from DDI Infor-
                   mation Processing Coordinator, dated 2 February
                   1970; Same Subject

Items 1 and 2 in the 26 January 1970 IP Board Notes are related;

i.e., both are concerned with finding an efficient and effective

means of providing imagery-derived information to intelligence analysts.

25X1   I have designated [   ] to discuss both items with you or your staff,

and have instructed him to call you to arrange an appropriate time.

25X1

                        Executive Director
               National Photographic Interpretation Center

Distribution:
  Original & 1 - Addressee
           1 - NPIC/PSG
           1 - NPIC/PSG/AID
           2 - NPIC/ODIR

25X1   NPIC/ODIR[   ] (5 February 1970)

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2 February 1970

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT   :   IP Board Meeting - 26 January 1970

     1.   Attached notes are for your information.

     2.   With reference to action on item 1, I am
concerned about NSA access to everything in your computer
files.   I would like to explore this further with you or
whomever you designate.

     3.   For item 2, I have assigned [   ] of this   25X1
Staff to work with [   ] and the OCS people in gathering
facts and seeking possible solutions for our consideration.
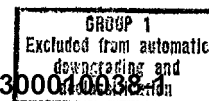
                                                                25X1

                    DDI Information Processing Coordinator

Attachment: a/s

GROUP 1
Excluded from automatic
downgrading and
declassification

Notes on IP Board Meeting

26 January 1970

1. NSA — NPIC data link

25X1   [   ] NPIC, briefed the Board on this project. NSA has proposed (Nov. 1969) a secure data link to permit query of NPIC files via query terminal at NSA. (One terminal in a secure area at NSA.) NPIC, with DD/I approval, has replied affirmatively to this proposal (7 January 1970) and is proceeding now with discussion and planning sessions with NSA to implement the link. NSA will bear the costs of installing the link.

Purpose is to permit NSA to query the on-line IIS files day-by-day as these files are modified. (NPIC will continue to provide to NSA periodic mag tape versions of the Installations file (and, presumably, the other IIS files eventually). The gain to NSA from this new link is that NSA can query the files at NPIC as they are updated, rather than being limited to the periodically syphoned off mag tape versions which soon become out of date.)

Files of interest to NSA: (1) Installations file (target brief file); (2) Objects file; and (3) Exploitation Products Data File. (The Objects file does not yet exist; the Exploitations Products file will not be on-line for another 1-1/2 yrs. Thus, at the time this link becomes operational (Oct. 1970), the Installations file will be the only one available of the three IIS files desired. -However, unless some new steps are taken, NSA could theoretically query any NPIC file (incl. MIS) which is on-line to the UNIVAC 494.)

25X1   [   ] said NPIC plans to monitor NSA's use of this link to see what pattern of usage results and what problems, if any, are engendered by NSA's usage.

Action: Chairman asked [   ] to look into the question   25X1 of whether or not NPIC should build in constraints to NSA's access to NPIC files. Chairman also requested feedback to the IP Board by NPIC at the end of the first six months of operation.

2. Methods of servicing NPIC's Target Brief File within CIA

   This item not yet fully worked out between DD/I and DD/S&T.

   Action: Chairman asked that the modus operandi, when defined, be put on paper and sent to the IP Board. (Further discussion by the Board may not be necessary.)

3. Plan for evaluation of RSM

25X1

   [   ] and staff explained the plan for evaluation of the RSM. In the main, the present plan is the same as that contained in the CRS document of 24 September 1969. Evaluation is expected to be completed by June 1971... at the latest.

25X1

   [   ] said he felt the plan should include comparison of RSM text search against general purpose computer text search (and whatever other alternative systems may be available). He said OCS had the software to search free text already... and that RSM simulation, using an RSM-formatted file, could be done with about one man-month's programming effort.

   Some key factors in RSM evaluation: relevance of retrieved data to user; retrieval speed; throughput of system (volume of searches which can be completed per unit of time); ease of use; ease of systems operation; and cost... as compared to alternative systems.

   Action: Chairman urged that the GP computer comparison be made as part of the evaluation in order to make clearer the virtues of the RSM system. CRS agreed to so proceed and OCS agreed to provide computer support.

4. CIA Position on COINS

25X1

   [   ] stated the present situation (i.e., COINS running on Mod 67 in a COINS-dedicated mode... because Security has not approved time-sharing operations mixing CIA sensitive files with COINS activities) is economically and operationally unacceptable in the long run. Something's got to change.

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Alternatives considered:

    a. Dedicate selected periods of Mod 67 to COINS only. (This is present method; not acceptable in long run.)

    b. Launch a study on time-sharing security... and hope that security objections will be resolved as the outcome of such study.

25X1

    (It was pointed out that the 3-year study by [   ] committee did not provide solution to our problem; therefore, any in-house security study will have to be very carefully planned and carried out or it probably becomes a dubious route to solution.)

    c. Acquire a small/medium-sized computer (Mod 40?) and dedicate this less costly device during prime shift exclusively to COINS.

    (Cost: perhaps [   ] could be used for non-COINS work on 2nd and 3rd shifts. Solves COINS security problem, but in long run, we still have the time-share (Mod 67) security question to solve.)

25X1

    d. Shift ADP support to COINS from OCS (with its CIA sensitive files) to CRS (where most files are community-type files).

    (Would have major impact on CRS operations and on scope of resources (software/hardware) required by CRS. Might possibly solve COINS security problem but it still leaves us with the time share security question to solve.)

    e. Redesign the COINS network concept in such way as to obviate many of the problems now plaguing COINS... including the COINS security problem experienced in OCS.

    (Requires community agreement to major design changes... perhaps a difficult thing to negotiate through IHC. A good step if it could be done, however. -Still leaves us with time-share security question unanswered except for COINS.)

25X1

[   ] said the thing to be decided re COINS is whether or not CIA should agree to any effort to continue COINS operations on into the period of evaluation... after 31 March 1970 when the six-month period of test operations ends. He feels we should not ...that our operational obligation ends 31 March 1970... and that any subsequent resumption of COINS operations should properly be the result of (and follow) the COINS evaluation (September 1970).

Action: Following the meeting, the Chairman obtained from ExDir-Compt. approval of the third of the following alternatives:

    a. Continue to operate the present·system and patch/improve it where possible.

    b. Withdraw from the COINS effort at the end of March 1970.

    c. Press hard for a formal evaluation of COINS, starting in April 1970 and finishing 5 or 6 months thereafter; OCS to continue to participate in COINS throughout period of evaluation; CIA to play aggressive role during such evaluation... including effort to incorporate in the scope of the evaluation not only the identification of improvements (patches) which could be made to the present system but also evaluation of the future (5 yrs. hence) potential of the COINS concept/objective, and evaluation of the desirability of major changes in the design concept of the COINS network.

5. Staffing of DIA Info Sciences Center School

DIA has proposed that the major portion of the professional staffing (faculty staffing) of the ISC be provided by non-DIA members of the Community... (DIA will provide 7 professionals and up to 12 admin/clericals to support the school). DIA has requested 5 full-time faculty members from CIA, -the first by June 1970; the second and third in FY 72; fourth and fifth in FY 73.

25X1

[   ] takes exception to operational participation in COINS after the end of the present test period (31 March 1970).

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Question is to what degree, if any, should CIA participate in faculty staffing of the ISC? And if we participate, what component(s) should carry the positions required?

25X1 _____ said DIA should be given the necessary resources by DOD to do whatever it is charged with doing and that CIA resources should not be used to support the school. _____ stated he felt the 25X1 Agency did have some obligation to cooperate in the ISC effort and that CIA had well qualified and interested candidates for tours of duty as ISC faculty members.

Action: Chairman will take this up with ExDir-Compt.

6. Coordination on _____ visit 25X1

25X1 Since his briefings earlier this month by CRS, NPIC, RID and OCS, _____ has returned for further discussion with CRS, OCS, and NPIC.

Action: Climenson to prepare brief MOR for IP Board files covering his follow-up contact with _____ (CRS's and NPIC's MOR's 25X1 are already in hand.)

25X1

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